



September 2002 Time Local/ Path Length Path Number of Estimated Persons Width Damage LAKE ERIE Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border LEZ162 Maumee Bay to Reno Beach Marine Tstm Wind (G35) LEZ163 Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border Reno Beach to 1400EST Marine Tstm Wind (G35) The Islands 1530EST **LEZ164** Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border The Islands to Marine Tstm Wind (G35) Vermilion **LEZ165** Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border 1400EST 1530EST Vermilion to Marine Tstm Wind (G35) Avon Point LEZ142 Maumee Bay To Reno Beach Oh Maumee Bay to Reno Beach 1400EST 1530EST 0 0 Marine Tstm Wind (G35) Reno Beach To The Islands Oh LEZ143 Reno Beach to 1400EST 0 0 Marine Tstm Wind (G46) The Islands 1530EST The Islands To Vermilion Oh The Islands to Vermilion 0 Marine Tstm Wind (G39) LEZ145 **Vermilion To Avon Point Oh** 1400EST 1530EST Vermilion to Marine Tstm Wind (G35) **Avon Point** A line of thunderstorms moved across the western end of Lake Erie and produced wind gusts in excess of 35 knots. A 46 knot gust was measured at Port Clinton (Ottawa County) by an automated sensor. A 35 knot gust was also measured at Marblehead (Ottawa County). A 39 knot gust was measured at Cedar Point (Erie County). **LEZ146** Avon Point To Willowick Oh Avon Point to Willowick 0 Marine Tstm Wind (G41) 1645EST **LEZ166** Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border Avon Point to Willowick 1615EST 1645EST Marine Tstm Wind (G35) LEZ147 Willowick To Geneva On The Lake Oh Willowick to Geneva-On-The-Lake 1615EST 1645EST 0 Marine Tstm Wind (G35) A strong thunderstorm moved east over Lake Erie and produced wind gusts in excess of 35 knots. A 41 knot gust was measured at the Cleveland Lighthouse with a 36 knot gust at Cleveland Burke Lakefront Airport. LEZ148 Geneva On The Lake Oh To Conneaut Oh Geneva-On-The-Lake to Marine Tstm Wind (G35) Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border Geneva-On-The-Lake to 1700EST Marine Tstm Wind (G35) Conneaut 1745EST Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border Willowick to Geneva-On-The-Lake 1700EST 1745EST Marine Tstm Wind (G35) LEZ147 Willowick To Geneva On The Lake Oh Willowick to Geneva-On-The-Lake 1700EST 0 Marine Tstm Wind (G35) 02 1745EST

A strong thunderstorm moved east over Lake Erie and produced wind gusts in excess of 35 knots





		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage	September 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
LAKE ERIE								
LEZ162 Maumee Bay to Reno Beach	Le Detr 18	roit R Lt To Ren 1745EST 1915EST	o Beach Oh	Byd 5Nm O	ffshore To I 0	ntl Bord	er	Marine Tstm Wind (G35)
LEZ163 Reno Beach to The Islands	Le Ren 18	o Beach To The 1745EST 1915EST	Islands Oh I	Byd 5Nm Of	fshore To Ir 0	ntl Borde 0	er	Marine Tstm Wind (G35)
LEZ142 Maumee Bay to Reno Beach	Maume 18	ee Bay To Reno l 1745EST 1915EST	Beach Oh		0	0		Marine Tstm Wind (G35)
LEZ143 Reno Beach	18	Seach To The Isla 1745EST 1915EST			0	0		Marine Tstm Wind (G35)
	A stron	g thunderstorm n	noved northea	ast across the	western bas	in of Lak	e Erie and produced	winds in excess of 35 knots.
LEZ162 Maumee Bay to Reno Beach	Le Deta 19	roit R Lt To Ren 1830EST 2015EST	o Beach Oh	Byd 5Nm O	ffshore To I 0	ntl Bord	er	Marine Tstm Wind (G35)
LEZ163 Reno Beach to The Islands	Le Ren 19	o Beach To The 1830EST 2015EST	Islands Oh I	Byd 5Nm Of	fshore To Ir 0	ntl Borde 0	er	Marine Tstm Wind (G35)
LEZ164 The Islands to Vermilion	Le The 19	Islands To Verr 1830EST 2015EST	nilion Oh By	d 5Nm Offs	hore To Intl 0	Border 0		Marine Tstm Wind (G35)
LEZ142 Maumee Bay to Reno Beach	Maumo 19	ee Bay To Reno l 1830EST 2015EST	Beach Oh		0	0		Marine Tstm Wind (G35)
LEZ143 Reno Beach to The Islands	Reno B 19	Seach To The Isla 1830EST 2015EST	ands Oh		0	0		Marine Tstm Wind (G35)
LEZ144 The Islands to Vermilion	The Isl 19	ands To Vermili 1830EST 2015EST	on Oh		0	0		Marine Tstm Wind (G35)
		of strong thunders t gust was measur				basin of I	Lake Erie and produc	ed wind gusts in excess of 35 knots. A
OHIO, North								
Cuyahoga County North Royalton to Cleveland	03 Thunde	1430EST 1440EST erstorm winds dov	wned large tre	ee limbs in N	0 orth Royalto	0 n and Cle	5K eveland.	Thunderstorm Wind
Geauga County Russell	03 Dime s	1445EST ize hail was obse	rved.		0	0		Hail(0.75)
Trumbull County Warren	03 Dime s	1510EST ize hail was obse	rved.		0	0		Hail(0.75)
Summit County Akron	03 Thunde	1540EST erstorm winds dov	wned several	large tree lin	0 abs.	0	5K	Thunderstorm Wind
Portage County Kent	03 Quarter	1550EST r size hail was ob	served two m	iles south of	0 Kent.	0	5K	Hail(1.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		per of sons Injured	Estimate Damage Property C	d September 2002 e Crops Character of Storm
OHIO, North								
Stark County Hartville to Alliance	03 Thund	1600EST 1615EST derstorm winds do	owned one tre	e in Hartville	0 and a large	0 limb in A	5K Illiance.	Thunderstorm Wind
Trumbull County Newton Falls	03 Thunc	1605EST derstorm winds do	owned three la	arge trees.	0	0	6K	Thunderstorm Wind
Summit County Akron	03 Thunc	1610EST derstorm winds do	owned one tre	e and a large	0 limb.	0	5K	Thunderstorm Wind
Wayne County Wooster	03 Dime	1615EST size hail was obs	erved near W	ooster.	0	0		Hail(0.75)
Mahoning County Boardman	03 Thunc	1630EST derstorm winds do	owned two tre	es and severa	0 al large limb	0 os. A gara	25K ge was damage	Thunderstorm Wind by a fallen tree.
Portage County Kent	03 Dime	1630EST size hail was obs	erved.		0	0		Hail(0.75)
Mahoning County Youngstown	03 Thunc	1635EST 1645EST derstorm winds do	owned two tre	es.	0	0	5K	Thunderstorm Wind
Stark County Massillon	03 Nicke	1640EST el size hail was ob	served.		0	0	5K	Hail(0.88)
Knox County Fredericktown to Monroe Mills	03 Thunc	1650EST 1700EST derstorm winds do	owned a large	tree limb in l	0 Frederickto	0 wn and a t	5K ree near Apple	Thunderstorm Wind Valley Lake
Stark County Alliance	03 Thund	1658EST derstorm winds do	owned a few l	arge tree liml	0	0	5K	Thunderstorm Wind
Holmes County Millersburg	03	1706EST er size hail was o			0	0	5K	Hail(1.00)
Stark County Alliance	03 Thunc	1710EST derstorm winds do	owned a few t	rees and pow	0 er poles. A	0 home was	30K s damaged by a	Thunderstorm Wind fallen tree.
Holmes County Millersburg	03 Thund	1715EST derstorm winds do	owned several	trees west of	0 f Millersbur	0	10K	Thunderstorm Wind
Mahoning County Boardman	03 Thunc	1715EST derstorm winds do	owned several	trees.	0	0	15K	Thunderstorm Wind
Holmes County Charm	03	1725EST			0	0	2K	Thunderstorm Wind





*	ъ.	Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage	September 2002	
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
OHIO, North									
	Thund	erstorm winds d	owned a coupl	e large tree li	mbs three m	niles south	of Charm.		
Ottawa County				-					
Marblehead	14 Thund	1620EST erstorm winds d	owned several	trees and larg	0 ge limbs. A	0 home was	25K s damaged by a faller	Thunderstorm Wind n limb	
Huron County									
Norwalk	14 Dime	1656EST size hail was obs	erved.		0	0		Hail(0.75)	
Lorain County									
La Grange	14	1810EST			0	0	5K	Hail(1.00)	
	Dime t	1813EST to quarter size ha	ail was observe	ed.					
Lorain County									
La Grange	14	1810EST 1815EST			0	0	35K	Thunderstorm Wind	
	Thund		owned several	trees. At lea	st two cars v	were dama	iged by the trees		
Lorain County									
La Grange	14 Walnu	1815EST t size hail was o	bserved.		0	0	25K	Hail(1.50)	
Lorain County									
Grafton to Elyria	14	1855EST 1900EST			0	0	15K	Thunderstorm Wind	
Dijim	Thund	erstorm winds d	owned several	trees in Elyri	a and a few	large limb	os in Grafton.		
Medina County									
Chatham	14 Walnu	1902EST t size hail was o	bserved.		0	0	10K	Hail(1.50)	
Summit County									
Bath	14	2000EST			0	0	4K	Hail(0.88)	
	Nickel	size hail was ob	served.						
Ashtabula County Countywide	15	1330EST			0	0	50K	Flash Flood	
Countywide		1500EST							
		erstorms dumpe were washed out					causing widespread	flooding in Ashtabula County. Several	
Summit County									
Sagamore Hills	19	0402EST			0	0		Hail(0.75)	
	Dime s	size hail was obs	erved.						
Cuyahoga County									
Solon	19 Thund	0445EST erstorm winds d	owned a tree a	nd a large lin	0 nb. The fall	0 en tree dat	25K maged a house	Thunderstorm Wind	
Hamasak County	Thund	cistoriii wiilds d	owned a tree a	na a rarge mi	io. The fair	on tree da	naged a nouse.		
Hancock County Mc Comb	19	1830EST			0	0	20K	Thunderstorm Wind	
			owned several	trees and larg			car was damaged by		
Wood County									
Bowling Green	19	1832EST		,	0	0	5K	Thunderstorm Wind	
	Thund	erstorm winds si	napped a powe	r pole.					
Wood County	10	1040ECE				0	217	Th J 337' 1	
Perrysburg	19	1840EST			0	0	2K	Thunderstorm Wind	





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property C	
OHIO, North								
	Thund	lerstorm winds do	owned one larg	ge tree limb.				
Sandusky County Woodville	19 Thund	1855EST lerstorm winds do	owned three la	rge trees.	0	0	10K	Thunderstorm Wind
Ottawa County Genoa	19 Thund	1900EST lerstorm winds sr	napped a powe	r pole and do	0 wned sever	0 al large tr	10K ree limbs.	Thunderstorm Wind
Marion County Marion	19 Thund	2030EST lerstorm winds do	owned a few la	arge tree limb	0	0	5K	Thunderstorm Wind
Huron County Olena	20 Thund	1445EST lerstorm winds do	owned two ver	ry large trees.	0	0	5K	Thunderstorm Wind
Erie County Vermilion	20 Thund	1500EST lerstorm winds do	owned a few la	arge tree limb	0 os.	0	5K	Thunderstorm Wind
Lorain County Vermilion On The Lk to Lorain	20 Thund	1505EST 1520EST lerstorm winds do	owned one larg	ge tree limb i	0 n Vermilion	0 on the L	4K ake and one tre	Thunderstorm Wind e in Lorain.
Marion County Prospect	20 Thund	1645EST lerstorm winds do	owned several	trees.	0	0	10K	Thunderstorm Wind
Crawford County Galion	20 Thund	1708EST lerstorm winds es	stimated at 60 t	mph downed	0 many trees.	0	25K	Thunderstorm Wind (G52)
Crawford County Crestline	collaps injured	sed at an outdoor	festival. Two	o people wer	e seriously	injured w	ith nine others	Thunderstorm Wind (G52) e in Crestline. A portion of a temporary stage sustaining minor injuries. The two seriously o homes and two cars were severely damaged
Sandusky County Clyde	20 Thund	1715EST lerstorm winds do	owned several	large tree lin	0 nbs.	0	5K	Thunderstorm Wind
Richland County Shelby	20 Thund	1725EST derstorm winds do	owned several	trees near Sh	0 elby.	0	10K	Thunderstorm Wind
PENNSYLVANIA, Noi	rthwest							
Erie County Countywide	15	1330EST 1500EST	lun to 3.25 in	ches of rain	0	0 two hour	100K	Flash Flood spread flooding across Erie County. Water up

Thunderstorms dumped up to 3.25 inches of rain in less than two hours causing widespread flooding across Erie County. Water up to three feet in depth was reported on some roads with several additional roads washed out